

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

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**Listing of Claims:**

**Claim 1 (currently amended): A plasma panel (PP) comprising:**

- 10      a rear plate;  
        a front plate parallel to with and spaced apart from  
             the rear plate by a plurality of spacers;  
        a plurality of electrode pairs disposed in parallel  
             with to each other and disposed over the rear  
15      plate; and  
        a first dielectric layer having a first predefined  
             pattern covering the plurality of electrode  
             pairs, wherein a recess is formed between two  
             adjacent electrodes of the plurality of  
20      electrode pairs; and  
        a first fluorescent layer covering the first  
             dielectric layer.

**Claim 2 (currently amended): The plasma panel of**  
25      claim 1, wherein the spacing between two adjacent  
             electrodes each of the plurality of electrode pairs  
             has an equal spacing.

**Claim 3 (currently amended): The plasma panel of claim**  
30      1, wherein the electrode pairs are disposed on a bottom  
             surface of the front plate further comprising a second  
             fluorescent layer disposed over a surface of the front

plate, wherein the surface of the front plate faces the rear plate.

- Claim 4 (currently amended): The plasma panel of  
5 claim 3, further comprising a second dielectric layer  
having a second predefined pattern, sandwiched between the front plate and the second fluorescent layer disposed on a top surface of the rear plate.
10. Claim 5 (currently amended): The plasma panel of claim 1, wherein the first dielectric layer covers a partial surface of the rear plate between two adjacent electrodes of the plurality of electrode pairs, and the first fluorescent layer covers the first dielectric layer and the rear plate between the two adjacent electrodes of the plurality of electrode pairs ~~4 further comprising a fluorescent layer covering the second dielectric layer.~~
15. ~~Claim 5 (currently amended): The plasma panel of claim 1, wherein the first dielectric layer covers a partial surface of the rear plate between two adjacent electrodes of the plurality of electrode pairs, and the first fluorescent layer covers the first dielectric layer and the rear plate between the two adjacent electrodes of the plurality of electrode pairs~~ ~~4 further comprising a fluorescent layer covering the second dielectric layer.~~
20. Claim 6 (currently amended): The plasma panel of claim 5, further comprising a third dielectric layer having a third predefined pattern, disposed between the two adjacent electrodes of the plurality of electrode pairs and sandwiched between the first fluorescent layer and the rear plate ~~1 wherein the electrode pairs are disposed on a top surface of the rear plate.~~
25. ~~Claim 6 (currently amended): The plasma panel of claim 5, wherein the third dielectric layer comprises at least one protrusion~~ ~~further comprising a second dielectric layer having a second predefined pattern disposed on a bottom surface of the front plate.~~

Claim 7 (currently amended): The plasma panel of claim 6, wherein the third dielectric layer comprises at least one protrusion ~~further comprising a second dielectric layer having a second predefined pattern disposed on a bottom surface of the front plate.~~

Claim 8 (currently amended): The plasma panel of claim 6, ~~7~~ further comprising a third fluorescent layer disposed over a surface of the front plate, wherein  
5 the surface of the front plate faces the rear plate covering the second dielectric layer.

Claim 9 (canceled)

10 Claim 10 (currently amended): The plasma panel of claim 8, ~~1~~ further comprising a ~~fluorescent layer covering the first dielectric layer~~ fourth dielectric layer having a fourth predefined pattern, sandwiched between the front plate and the third fluorescent layer.

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Claim 11 (currently amended): The plasma panel of claim 10 ~~1~~ wherein the first fluorescent layer is a phosphorous layer.

20 Claim 12 (canceled)

Claim 13 (new): The plasma panel of claim 3, wherein the second fluorescent layer is a phosphorous layer.

25 Claim 14 (new): The plasma panel of claim 8, wherein the third fluorescent layer is a phosphorous layer.

Claim 15 (new): The plasma panel of claim 1, wherein a discharge gap is formed between two adjacent  
30 electrodes of the plurality of electrode pairs.

Claim 16 (new): A plasma panel comprising:

a rear plate;  
a front plate parallel to and spaced apart from  
the rear plate by a plurality of spacers;  
a plurality of electrode pairs parallel to each  
5 other and disposed over a surface of the  
front plate, wherein the surface of the  
front plate faces the rear plate;  
a dielectric layer having a predefined pattern  
covering the plurality of electrode pairs,  
10 wherein a recess is formed between two adjacent  
electrodes of the plurality of electrode pairs;  
and  
a fluorescent layer covering the dielectric  
layer.

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